

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

09755037  
Michael J. Simitoski  
Michael.Simitoski@uspto.gov  
(703) 305-8191

### **Google**

radius authentication  
aaa verification prior entry of packet into access network

### **ACM**

+radius +authentication

### **IEEE**

### **Other**

Search tool

Search Terms

### **Applications/Patents from Inventor Search**

6,570,849  
6,567,406

L Number	Hits	Search Text	DB	Time stamp
1	59	ascend.as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:09
3	1	ascend.as. and @ad<20000107) and authentication	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:10
2	48	ascend.as. and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:16
4	1	("6212561").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 10:01
5	3	"local authorization table"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:45
6	0	"authorization table" same aaa	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:45
7	278	(aaa "authentication server" radius) same (assign\$5 with address)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:46
8	75	(aaa) same (assign\$5 with address)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:46
9	110	@ad<20000107 and (aaa "authentication server" radius) same (assign\$5 with address)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:46
11	65	@ad<20000107 and (radius ) same (assign\$5 with address)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:46
10	19	@ad<20000107 and (aaa ) same (assign\$5 with address)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 08:46
14	8	((("6311275") or ("6212561") or ("6298383") or ("6377955") or ("6584505") or ("6070192") or ("5491752") or ("5546387"))).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:32
17	0	((("6311275") or ("6212561") or ("6298383") or ("6377955") or ("6584505") or ("6070192") or ("5491752") or ("5546387"))).PN.) and (service adj level)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:08
18	2	@ad<20000107 and (aaa same (service adj level))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:08
19	195	"network resource management "	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:20
20	0	((("6311275") or ("6212561") or ("6298383") or ("6377955") or ("6584505") or ("6070192") or ("5491752") or ("5546387"))).PN.) and alarm	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:31
22	1	("20010044893").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:52

23	1	((("20010044893").PN.) and alarm	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:31
25	1	6466977.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:33
26	1	6466977.pn. and (alarm alert notif\$9)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:34
28	18	@ad<20000107 and (aaa same alarm)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:35
29	1365	@ad<20000107 and (network same (notif\$9 alarm\$3 alert\$3) same problem)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:35
30	486	@ad<20000107 and (network with (notif\$9 alarm\$3 alert\$3) with problem)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:35
32	3	@ad<20000107 and (network with (alarm\$3) with problem)) and cisco.as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:36
31	181	@ad<20000107 and (network with (alarm\$3) with problem)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:36
33	1	((("20010044893").PN.) and "authorization client"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 09:52
34	35	(ingress adj card) same (egress adj card)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/22 10:01
-	21	(determin\$9 near2 (requir\$3 adj authenticat\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:08
-	15	skemer.in. (tropic and network).as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/20 12:37
-	0	(sedona and network).as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/20 12:44
-	10	"2293989"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 12:54
-	1328	((stream packet data) near2 (authenticated))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:04
-	7	@ad<20000107 and ((stream packet data) with ((require\$4 need\$3) adj authenticated))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:05
-	263	"integrated access device"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:09

-	37	"integrated access device" and (authenticat\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:09
-	1	("integrated access device" and (authenticat\$3)) and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:10
-	14	@ad<20000107 and determin\$3 adj3 ((requir\$5 need\$3) adj2 authentication)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:11
-	51	cisco.as. and aaa	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:20
-	36	(cisco.as. and aaa) and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:20
-	27	((cisco.as. and aaa) and @ad<20000107) and radius	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:21
-	18	((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network"))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:21
-	10	(((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network"))) and "user network"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:21
-	10	((((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network"))) and "user network") and authenticat\$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:21
-	10	((((((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network"))) and "user network") and authenticat\$3) and authoriz\$8	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 08:22
-	0	((((((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network"))) and "user network") and authenticat\$3) and authoriz\$8) and (determin\$5 with ((requir\$3 need\$3) adj (authenticat\$3 authoriz\$8 verif\$9)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 09:52
-	35	((determin\$3) with (already near authenticated))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 09:56
-	3	((determin\$3) with (already near authenticated)) and @ad<20000107 and radius	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 09:56
-	12	((determin\$3) with (already near authenticated)) and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 09:56
-	7	network and "data labelling"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 10:34
-	1945	encrypt\$3 with user\$4 with password	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 12:44
-	447	(encrypt\$3 with user\$4 with password) same (transmi\$5)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 12:45

-	192	((encrypt\$3 with user\$4 with password) same (transmi\$5)) and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 12:45
-	73	@ad<20000107 and (encrypt\$3 with user\$4 with password) same (transmi\$5) same decrypt\$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 12:45
-	7	@ad<20000107 and (encrypt\$3 with user\$4 with password) same (transmi\$5) same decrypt\$3) and "authentication server"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 12:45
-	9	packet adj labelling	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 13:50
-	151	(packet data) adj labeling	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 13:50
-	75	((packet data) adj labeling) and @ad<20000107	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 13:52
-	1	("5,546,387").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 14:15
-	10	(((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network")) and "user network") and authenticat\$3) and authoriz\$8) and (determin\$5 with (authenticat\$3 authoriz\$8 verif\$9))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 15:06
-	1	(((((cisco.as. and aaa) and @ad<20000107) and radius) and ("access network")) and "user network") and authenticat\$3) and authoriz\$8) and (determin\$5 with (authenticat\$3 authoriz\$8 verif\$9)) and statistic\$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/21 15:50

ABS  
+  
Kwik

ABS  
+  
Kwik